



## BACE2 blocking peptide (CDBP5150)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes an integral membrane glycoprotein that functions as an aspartic protease. The encoded protein cleaves amyloid precursor protein into amyloid beta peptide, which is a critical step in the etiology of Alzheimer's disease and Down syndrome. The protein precursor is further processed into an active mature peptide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">BACE2 beta-site APP-cleaving enzyme 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	BACE2
<b>Synonyms</b>	BACE2; beta-site APP-cleaving enzyme 2; ASP1; BAE2; DRAP; AEPLC; ALP56; ASP21; CDA13; CEAP1; beta-secretase 2; memapsin-1; theta-secretase; aspartyl protease 1; 56 kDa aspartic-like protease; Down syndrome region aspartic protease; transmembrane aspartic proteinase Asp1; membrane-associated aspartic protease 1; beta-site amyloid beta A4 precursor protein-cleaving enzyme 2

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<b>Entrez Gene ID</b>	<a href="#">25825</a>
<b>mRNA Refseq</b>	<a href="#">NM_012105</a>
<b>Protein Refseq</b>	<a href="#">NP_036237</a>
<b>UniProt ID</b>	Q9Y5Z0
<b>Pathway</b>	Alzheimer's disease
<b>Function</b>	aspartic-type endopeptidase activity

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